

JOB NO: 7-5144
ETT 112

BASF
7/30/96

HER 01032

John W. Sansing
1509 Kilgarlin Ln.
Deer Park, Tx. 77536

713-478-4091

MARINE CHEMIST CERTIFICATE

SERIAL NO. F 68397

HECULES MARINE
Survey Requested by
BARGE ETT-112
Vessel
(1) N-KUTANO 1; (2+3) C/O HERCULES
Last Three (3) Cargoes
SAFE
Vessel Owner or Agent
DOUBLE SKIN TANK BARGE
Type of Vessel
ORIGEN; DILUTED; KUTANO 1;
Tests Performed
VISCAL
Date
7-30-96
Specific Location of Vessel
HERCULES
CRAWLIE DOCK
Time Survey Completed
5:45 PM

NOTES: (1) PROVIDE FORCED VENTILATION FOR ALL INTERNAL WORK.

(2) BARGE IS SAFE FOR IN-SHIPMENT SHUTTING-

(3) TEST RESULTS: (A) CARGO TANKS: 20.8% OXYGEN; ZERO BLEND 20-30% KUTANO 1

(B) WELDS: 20.8% OXYGEN; ZERO BLEND; NO KUTANO 1 DETECTED.

(C) STEAM WELD: FILLED WITH WATER.

FWD. WARE; NO. 1 P/S TAKEN NO. 4 P/S
WINGS AND TANK BOTTOMS →

SAFE FOR WORKERS

SAFE FOR HOT WORK

STEAM WELD FILLED WITH WATER →

SAFE FOR HOT WORK

NO. 1; 2; AND 3 CARGO TANKS →

SAFE FOR WORKERS

SAFE FOR HOT WORK

CARGO PIPING; VAPOR PIPING; STRIPPING
PIPING; DIESEL FUEL TANK →

NOT SAFE FOR HOT WORK

In the event of any physical or atmospheric changes adversely affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist

QUALIFICATIONS: Transfer of ballast or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306 Subsections 2-3.1 through 2-3.5, and Subsection 6-3.2)

SAFE FOR WORKERS: Means that in the compartment or space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume; and that, (b) toxic materials in the atmosphere are within permissible concentrations; and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

NOT SAFE FOR WORKERS: Means that in the compartment or space so designated, the requirements of Safe for Workers have not been met.

ENTER WITH RESTRICTIONS: Means that in any compartment or space so designated, entry for work may be made only if conditions of proper protective equipment, clothing, and time are as specified.

SAFE FOR HOT WORK: Means that in the compartment so designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit, and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or lube oil tanks, or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

SAFE FOR REPAIR YARD ENTRY: Means that the compartments and spaces of the flammable cryogenic liquid carrier so designated: (a) have been tested by sampling at remote sampling stations, and results indicate the atmosphere tested to be above 19.5 percent oxygen, and less than 10 percent of the lower flammable limit, or (b) are inerted.

CHEMIST'S ENDORSEMENT. This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 2-6 of NFPA 306 and understands conditions and limitations under which it was issued."

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed John W. Sansing
Company
Date
7-30-96

Signed John W. Sansing
Marine Chemist
Certificate No.
539

NOTE: THIS CERTIFICATE IS VALID ONLY ON MARINE VESSELS

John W. Sansing
1509 Kilgarlin Ln.
Deer Park, Tx. 77536

713-478-4091

MARINE CHEMIST CERTIFICATE

SERIAL NO. F 68397

HEAVY MARINE

SAFE

7-30-96

Survey Requested by

Vessel Owner or Agent

HEAVY MARINE

Date

KARGE ETT-112

DOUBLE SKIN TANK KARGE

CLEANING DOCK

Vessel

Type of Vessel

Specific Location of Vessel

(1) N-KUTAND 1 (2+3) C/O NEXAVE

ORIGIN: CHARGES/IS/KUTAND 1

SILSPIM

Last Three (3) Cargoes

Tests Performed

VISUAL

Time Survey Completed

NOTES: (1) PROVIDE FORCED VENTILATION FOR ALL INTERNA /
WIDE.

(2) KARGE 13 SAFE FOR IN-SHUTTERED SHUTTING -

(3) TEST RESULTS: (A) CARGO TANKS: 20.8% OXYGEN; ZERO BLEND
20-30% N-KUTAND 1

(B) WIDE: 20.8% OXYGEN; ZERO BLEND;
NO N-KUTAND 1 DETECTED.

(C) STEAM WIDE: FILLED WITH WATER -

FUEL KARGE; NO. 1/2 TANK NO. 4/2/2
WINGS AND TANK BOTTOMS →

SAFE FOR WORKERS

SAFE FOR HOT WORK

STEAM WIDE FILLED WITH WATER →

SAFE FOR HOT WORK

NO. 1; 2; AND 3 CARGO TANKS →

SAFE FOR WORKERS

SAFE FOR HOT WORK

CARGO PIPING; VAPOR PIPING; STRIPPING
PIPING; DIESEL FUEL TANK →

NOT SAFE FOR HOT WORK

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CHEMIST'S ENDORSEMENT. This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

The undersigned acknowledges receipt of this Certificate under Section 2-6 of NFPA 306 and understands conditions and limitations under which it was issued.

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed John W. Sansing 7-30-96 Signed John W. Sansing 539

NOTE: THIS CERTIFICATE IS VALID ONLY ON MARINE VESSELS

John W. Sansing
1509 Kilgarlin Ln.
Deer Park, Tx. 77536

713-478-4091

MARINE CHEMIST CERTIFICATE

SERIAL NO. F 68397

NEALUES MARINE

SAFE

7-30-96

Survey Requested by

Vessel Owner or Agent

Date

BARGE ETT-112

DOUBLE SKIN TANK BARGE

NEALUES
CLEANING DOCK

Vessel

Type of Vessel

Specific Location of Vessel

(1) N-BUTANO 1 (2+3) CARGO

ORIGEN, CHLORINE, BUTANO 1

5:45 PM

Last Three (3) Cargoes

Tests Performed

Time Survey Completed

NOTES: (1) PROVIDE FORCED VENTILATION FOR ALL INTERNAL
WORK.

(2) BARGE IS SAFE FOR IN-SHIPMENT SHUTTING -

(3) TEST RESULTS: (A) CARGO TANKS: 20.8% OXYGEN; ZERO BUTANO
20-30% BUTANO

(B) WIDS: 20.8% OXYGEN; ZERO BUTANO
NO BUTANO DETECTED.

(C) STEAM VOID: FILLED WITH WATER -

FUEL TANKS: MULTIPLE TANK NO. 4, P/E } SAFE FOR WORKERS
WINGS AND TANK BOTTOMS } SAFE FOR HOT WORK

STEAM VOID FILLED WITH WATER } SAFE FOR HOT WORK

NO. 1, 2, AND 3 CARGO TANKS } SAFE FOR WORKERS
SAFE FOR HOT WORK

CARGO PIPING; VAPOR, SYLING, STRIPPING } NOT SAFE FOR HOT WORK
PIPING; DIESEL FUEL TANK }

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Signed

Name

Company

Date

Signed

Marine Chemist

Certificate No.

NOTE: THIS CERTIFICATE IS VALID ONLY ON MARINE VESSELS

20M-2-88

HER 01035

Printed in U.S.A.

John W. Sansing
1509 Kilgarlin Ln.
Deer Park, Tx. 77536

713-478-4091

MARINE CHEMIST CERTIFICATE

SERIAL NO. F 68397

NEOLUES MARINE
Survey Requested by
BARGE ETT-112
Vessel
(1) N-BUTANOL (2+3) GYD NEXAME
Last Three (3) Cargoes

BASF
Vessel Owner or Agent
DOUBLE SKIN TANK BARGE
Type of Vessel
ORIGEN, CHLOROTOLUENE, BUTANOL
Tests Performed
1/13/81

7-30-96
Date
NEOLUES
CHAMBERLAIN DOCK
Specific Location of Vessel
SILSPIN
Time Survey Completed

NOTES: (1) PROVIDE FORCED VENTILATION FOR ALL INTERNAL
SPACE.

(2) BARGE IS SAFE FOR IN-SITUATED SHIPMENTS -

(3) TEST RESULTS: (A) CARGO TANKS: 20.8% OXYGEN, ZERO BUTANOL
20-30 ppm BUTANOL

(B) WIDE: 20.8% OXYGEN, ZERO BUTANOL
NO BUTANOL DETECTED.

(C) STEAM VOID: FILLED WITH WATER -

FUEL TANKS: NO. 1 & 2 TAKEN NO. 4 & 5
WINGS AND TUNNEL BOTTOMS → SAFE FOR WORKERS
SAFE FOR HOT WORK

STEAM VOID FILLED WITH WATER → SAFE FOR HOT WORK

NO. 1, 2; AND 3 CARGO TANKS → SAFE FOR WORKERS
SAFE FOR HOT WORK

CARGO PIPING, VAPOR PIPING, STRIPPING
PIPING, DIESEL FUEL TANK → NOT SAFE FOR HOT WORK

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This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed _____
Name

Company

Date

Signed _____
Marine Chemist

Certificate No.

NOTE: THIS CERTIFICATE IS VALID ONLY ON MARINE VESSELS

20M-2-88

Printed in U.S.A.

HER 01036

HERCULES OFFSHORE CO.

INVOICE NO.

3510

MARINE REPAIR

MARINE OPERATIONS FACILITY

ORDER No.

75144

CUSTOMER P.O.

DATE	ORDER WRITTEN	ETA
	ARRIVAL	
	COMPLETION DATE	
	DEPARTURE DATE	
M/V <input type="checkbox"/>	BARGE <input checked="" type="checkbox"/> ETT 112	
NAME	LOA	
FOREMAN	Clandio Duarte	
LAST PRODUCT		
GAS FREEING YES <input type="checkbox"/> NO <input type="checkbox"/>		CERTIFICATE REQUIRED YES <input type="checkbox"/> NO <input type="checkbox"/>
HAUL OUT FOR INSPECTION AND REPAIR YES <input type="checkbox"/> NO <input type="checkbox"/>		
ON WAYS		DATE: _____
ON WAYS		DATE: _____

CUSTOMER	NAME	BASF
	BILLING ADDRESS	607 Copper Road
	CITY AND STATE	Freeport, Tx 77541
	PHONE NUMBER	238-6161
WORK AUTHORIZED BY		BY AUTHORIZED BY
Robert		
STOCK MATERIAL <input type="checkbox"/> YES <input type="checkbox"/> NO		
IF YES, COMPLETE STOCK MATERIAL TRANSFER TICKET		
OUTSIDE SERVICES <input type="checkbox"/> YES <input type="checkbox"/> NO		
IF YES, LIST		

ITEM NUMBERS

- 1 hot water wash
- 2 Strip and blow dry
- 3 4 PAIR OF RESPIRATOR FILTERS 2 WHITE PAPER COVERALLS 2 FLASHLIGHT BATTERIES
- 4
- 5
- 6
- 7
- 8
- 9
- 10

THIS SHALL SERVE AS YOUR AUTHORIZATION TO PROCEED WITH THE ABOVE.

Signed:

Clandio Duarte

Date:

7-30-96

HER 01037

HAZARD COMMUNICATION STANDARD

OSHA 1910.1200

EMPLOYEE HAZARDOUS MATERIALS TRAINING PROGRAM

Date 7-30-96

Plant HERCULES

Area Gas Free Dock

ETT-112

Supervisor Alfred Dantz

Client Safety

The following listed materials are considered to be hazardous to the employee working in this area:

N. BUTANOL

The employees assigned to work in this area have been informed of the hazardous materials in this area, the hazards they present to the workers, the location of hazards listed, the protective equipment that has been provided and where it is located, and procedures to be followed in case of an accidental exposure. I have received the training listed above and will so designate by signing this form.

NAME	BADGE	NAME	BADGE
<u>[Signature]</u>	<u>70</u>		
<u>[Signature]</u>			
<u>[Signature]</u>			
<u>[Signature]</u>			
<u>[Signature]</u>			

(1-202-433-7616) OUTSIDE THE CONTINENTAL U.S. AND IN WASHINGTON, D.C.)

EMERGENCY RESPONSE INFORMATION SHEET

C. 12912

N-BUTANOL

FLAMMABLE
DOT LIQUID
NA1120

FORM: LIQUID, CLEAR
SPECIFIC GRAVITY: 0.8
SOLUBILITY IN WATER: MIXES SLIGHTLY
FREEZING POINT: -128°F
BOILING POINT: 243.9°F
FLASH POINT: 97°F (TCC)

FLAMMABLE LIMITS: 1.4% - 11.2%
VAPOR HAZARD: FLAMMABLE.
IRRITATING.
REACTS WITH: OXIDIZING MATERIALS,
COPPER AND ITS ALLOYS.

HEALTH HAZARDS

ANIMAL: AVOID INGESTION. AVOID EXPOSURE.
FISH: AVOID ENTRY INTO NATURAL WATERS. MAY CAUSE LOCALIZED FISH KILL.
EYES: MODERATE BURN. MODERATE IRRITATION.
SKIN: MODERATE IRRITATION; TOXIC BY ABSORPTION UPON GROSS CONTACT.
INHALATION: SLIGHTLY IRRITATING. DROWSINESS, UNCONSCIOUSNESS.
INGESTION: LOW TOXICITY.

IN CASE OF ACCIDENT

LEAK
SPILL

FLAMMABLE. IRRITATING. KEEP UPWIND. ISOLATE AREA AND DENY ENTRY.
DO NOT GET IN EYES. AVOID CONTACT WITH SKIN. AVOID BREATHING VAPORS.
USE WATER SPRAY TO REDUCE VAPOR. NO SMOKING, FLARES, OR OPEN FLAMES.
SHUT OFF IGNITION AND LEAK IF WITHOUT RISK. USE NONCOMBUSTIBLE ABSORBENT
MATERIAL/SAND AND SHOVEL INTO SUITABLE CONTAINERS.
DIKE LARGER SPILLS AND RECOVER. AVOID ENTRY INTO SEWERS AND/OR NATURAL
WATERS.
CLOTHING: WEAR FULL PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING
APPARATUS.
DISPOSAL: CONTACT MANUFACTURER AND AUTHORITIES.

FIRE

FLAMMABLE. IRRITATING.
DO NOT PUT OUT ANY FIRES AT VENTS UNTIL LEAK IS SHUT OFF.
MAY DECOMPOSE IN HEAT/FIRE RELEASING PRODUCTS OF GREATER HAZARD.
COOL CONTAINERS EXPOSED TO HEAT/FIRE WITH WATER TO PREVENT BURSTING.
SMALL FIRES: USE DRY CHEMICAL OR CO₂.
LARGE FIRES: USE WATER SPRAY, FOG, OR ALCOHOL FOAM. IF MASSIVE FIRE:
USE UNMANNED HOSE HOLDER OR MONITOR NOZZLES. IF THIS IS IMPOSSIBLE,
WITHDRAW FROM AREA AND LET FIRE BURN. DIKE LIQUID RUN-OFF.
AVOID ENTRY INTO SEWERS AND/OR NATURAL WATERS.

FIRST
AID

EYES: IRRIGATE WITH FLOWING WATER IMMEDIATELY AND CONTINUOUSLY FOR 15
MINUTES. CONSULT MEDICAL PERSONNEL.
SKIN: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES
WHILE REMOVING CONTAMINATED CLOTHING. CONSULT MEDICAL PERSONNEL.
CLOTHING: REMOVE CONTAMINATED CLOTHING IMMEDIATELY AND WASH BEFORE
REUSE. DESTROY CONTAMINATED SHOES AND LEATHER ITEMS.
INHALATION: REMOVE TO FRESH AIR IF EFFECTS OCCUR. CONSULT MEDICAL
PERSONNEL.

The information contained herein is hereby presented as a complimentary act, in good faith, and is, to the best of The Dow Chemical Company's knowledge and belief, accurate and reliable, although not guaranteed, and may well be incomplete. No representation, guarantee or warranty is made as to its accuracy, reliability or completeness and as Governmental regulations and other conditions may change, it is the user's responsibility to determine the current appropriateness and suitability for specific and uses prior to use.

DOW CHEMICAL U.S.A.

R-04-01-81

HER 01039

HERCULES OFFSHORE CO.

INVOICE NO. 3510

MARINE REPAIR

MARINE OPERATIONS FACILITY

ORDER No. 7-5144

CUSTOMER P.O. _____

DATE	ORDER WRITTEN	ETA
	ARRIVAL	
	COMPLETION DATE	
	DEPARTURE DATE	
M/V <input type="checkbox"/> BARGE <input checked="" type="checkbox"/> <u>ETT 112</u>		
NAME <u>Claudio Duarte</u> LOA _____ WIDTH _____		
FOREMAN <u>Claudio Duarte</u> LAST PRODUCT <u>cyclohexane</u>		
GAS FREEING YES <input type="checkbox"/> NO <input type="checkbox"/> CERTIFICATE REQUIRED YES <input type="checkbox"/> NO <input type="checkbox"/>		
HAUL OUT FOR INSPECTION AND REPAIR YES <input type="checkbox"/> NO <input type="checkbox"/>		
ON WAYS _____ DATE: _____		
ON WAYS _____ DATE: _____		

CUSTOMER	NAME <u>BASF</u>
	BILLING ADDRESS <u>607 Copper Road</u>
	CITY AND STATE <u>Greensport, NY 17541</u>
	PHONE NUMBER <u>238-6161</u>
WORK AUTHORIZED BY <u>Robert</u>	
STOCK MATERIAL <input type="checkbox"/> YES <input type="checkbox"/> NO	
IF YES, COMPLETE STOCK MATERIAL TRANSFER TICKET	
OUTSIDE SERVICES <input type="checkbox"/> YES <input type="checkbox"/> NO	
IF YES, LIST	

ITEM NUMBERS

- 1 hot water wash & cold wash
- 2 strip and blow dry
- 3 _____
- 4 _____
- 5 _____
- 6 _____
- 7 _____
- 8 _____
- 9 _____
- 10 _____

THIS SHALL SERVE AS YOUR AUTHORIZATION TO PROCEED WITH THE ABOVE.

Signed: _____ Date: _____

Barge Cleaning Report

JOB NO 5144 ETA _____
BARGE NO E+T-112 DATE/TIME ARRIVAL 7-30-96 7:00 AM
CUSTOMER BASF DATE/TIME START 7-31-96 8:00 AM
PRODUCT N-Butanol DATE/TIME COMPLETE 7-31-96 4:31 PM

AMOUNT STRIPPED 300

CLEANING INST. BY Robert Petre COMPLETION SCH. BY Robert Petre OVERTIME AUTH. BY Robert Petre

BARGE INSP. BY Duarte DATE/TIME _____ RELEASED TO _____ DATE/TIME _____

DEEPWELL OPENED: YES N/A NO _____ CLOSED BY _____ NEW GASKET: YES _____ NO _____

BELOW DECK CARGO PIPELINE:

BLIND OPENED: YES ✓ NO _____ CLOSED BY CASAS NEW GASKET: YES _____ NO _____

DECK CHECK VALVE OPENED: YES N/A NO _____ CLOSED BY _____ NEW GASKET: YES _____ NO _____

DECK HEADER BLINDS OPENED: YES ✓ NO _____ INSECTED BY CALEB BRETT _____

DECK HEADER DRAIN PLUG OPENED: YES ✓ NO _____ CLOSED BY Rivera

VAPOR RECOVERY HEADER OPENED: YES ✓ NO _____ CLOSED BY Rivera NEW GASKET: YES _____ NO ✓

RUST SCALE: YES _____ NO ✓ WASHED OUT ✓ BUCKETED OUT _____

NUMBER OF CARGO TANKS 3 CONDITION OF CARGO VALVES _____

SLOP TANK STRIPPED: YES N/A NO _____ DRIP PANS STRIPPED: YES ✓ NO _____

WEATHER: TEMP 95 RAIN _____ FOG _____ HUMIDITY _____ OVERCAST _____ CLOUDY _____ CLEAR ✓

PIPELINE WASHED: YES ✓ NO _____ PIPELINE BLOWN: YES ✓ NO _____ INSPECTED BY CALEB BRETT _____

BOW RAKE CHECKED: YES ✓ NO _____ STERN RAKE CHECKED: YES ✓ NO _____

VOIDS: YES ✓ NO _____ SAFETY EQUIPMENT USED: _____

SUMPS INSPECTED: ✓

NOTICE

All barges cleaned for BASF will be inspected by Caleb Brett. The inspector will have paperwork for the Hercules foreman in charge to sign. The foreman will put two copies in the document mail box. One copy will stay in the mailbox, and the captain of the tugboat that is picking up the barge will not be called until inspection is completed and documentation is in the mailbox. If any problems, BASF logistics representative must be contacted.

Date Inspected 7/30/96

Time in: 1615

Time out: 1645

Inspected By: Arthur Dargatzis
Caleb Brett

NO BASF BARGE THAT HAS BEEN CLEANED WILL BE RELEASED UNTIL CALEB BRETT HAS SIGNED THE RELEASE PAPERS. CALEB BRETT WILL BE GIVEN A COPY OF THIS FORM.

HER 01041



Inchcape Testing Services

Caleb Brett

VISUAL TANK INSPECTION REPORT

YOUR REFERENCE
OUR REFERENCE

VESSEL ETT-112	PRODUCT / CARGO W/H	PORT / TERMINAL Hercules	DATE 7-30-96
-------------------	------------------------	-----------------------------	-----------------

Tank Number	1, 2, 3 c						
Tank Coating	W/A						
Last Cargo	N. Butane						
Second Last Cargo	Cyclo						
Third Last Cargo	Cyclo						
Time/Date Inspected	1630/7-30-96						
Visual Cleanliness Accepted/Rejected*	Accepted						
Reason for Rejection	—						

Method said to have been used to clean tanks:	TK#	Hot water wash, Washed pipeline (180-200°) 2 hrs total
	TK#	Hot water wash, Washed cargo tanks (160°-180°) 30 min per tank.
	TK#	Blow dry for 15 min per tank.
	TK#	
	TK#	
	TK#	
	TK#	

Information regarding previous cargoes, tank coating and cleaning method was obtained from vessel personnel and cannot be guaranteed as accurate by Caleb Brett and no liability can be assumed for errors resulting from improper information supplied. This report, of necessity, is based on such information.

- * The cleanliness of inspected tank(s) is/are based on visual inspection of tank surfaces and line system at accessible areas only. This document does not cover the cleanliness of tank surfaces and line system at inaccessible spots and/or possible release of components of previous cargoes during loading, discharge or transport of the cargo in question, for which the vessel is fully responsible. Suitability of tank coating for intended cargo must be guaranteed by vessel's owner or by suppliers of the coating.

X. Rivera

N.D.
FOR CALEB BRETT



Inchcape Testing Services

Caleb Brett

VISUAL TANK INSPECTION REPORT

YOUR REFERENCE
OUR REFERENCE

VESSEL ETT-112	PRODUCT / CARGO W/H	PORT / TERMINAL Hercules	DATE 7-30-96
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Tank Number	1,2,3 c						
Tank Coating	W/A						
Last Cargo	W. Butane						
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X. Rivera

R.D.
FOR CALEB BRETT

HER 01043



OUR REFERENCE

YOUR REFERENCE
OUR REFERENCE

VESSEL ETT-112	PRODUCT/CARGO W/A	PORT/TERMINAL Hercules	DATE 7-30-96
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[illegible]

For Vessel

A. H. - Denver
FOR CALEB BRETT



Strength through environmental awareness and customer service

P.O. Drawer O
Freeport, Texas 77541

Office (409) 233-6371
Fax. (409) 233-6375

Final Check List

DATE: 7-30-86

BARGE: ET-112

BLND NUMBER CHECKED

2

REPLACED GASKET

YES ☐ NO ☒

GATE VALVE NUMBER CHECKED

6

YES ☐ NO ☒

PLUGS NUMBER CHECKED

1

YES ☐ NO ☒

CHECK VALVE NUMBER CHECKED

N/A

YES ☐ NO ☐

DEEPWELL BLIND NUMBER CHECKED

N/A

YES ☐ NO ☐

BELOW DECK CARGO PIPELINE BLIND NUMBER

2

YES ☐ NO ☐

BELOW DECK CARGO PIPELINE BLIND REMOVED

YES ☐ NO ☐

DRIP PAN VALVES: Closed By: Cruz DRIP PANS COVER:

Closed by: Cruz

CONTAINMENT AREA PLUG OR VALVES:

Closed by: Cruz

AIR TEST CARGO LINE - 40 psi - USING SOAP

SIGNATURE OF TESTER:

Charles Cruz

SIGNATURE OF WITNESS:

- * CHECK VALVE GASKET WILL BE REPLACED
- * AIR TEST IS LAST THING TO BE DONE BEFORE RELEASING BARGE.

HER 01045

DECLARATION OF INSPECTION
PRIOR TO BULK CARGO TRANSFER

VESSELS BASF
ETT2112
TRANSFER FACILITY HERCULES MARINE
LOCATION GAS Free DOCK Freeport TX

The following list refers to requirements set forth in detail in 33 CFR 156.150 and 46 CFR 35.35-30 (printed on reverse). The spaces adjacent to items are provided to indicate that the detailed requirement has been met.

	Deliverer	Receiver
1. Communication System/Language Fluency (156.120) (m) (p)	✓	✓
2. Warning Signs and red Warning Signals (35.35-30)	✓	✓
3. Vessels Moorings. (156.120 (d))	✓	✓
4. Transfer System Alignment (156.120 (d))	✓	✓
5. Transfer System: unused components (156.120 (e))	✓	✓
6. Transfer Systems; fixed piping (156.120 (f))	✓	✓
7. Overboard Discharges/See Suction Valves (156.120 (g))	✓	✓
8. Hoses or Loading Arms condition (156. (h) 156.170)	✓	✓
9. Hoses; length and support (156.120 (b) (c))	✓	✓
10. Connections (156.130)	✓	✓
11. Discharge Containment Systems (156.120 (1) (1))	✓	✓
12. Stoppers or Drains (156.120 (k))	✓	✓
13. Emergency Shutdown (156.120 (n))	✓	✓
14. Repair Work Authorization (35.35-30)	N/A	N/A
15. Boiler and Galley Fires Safety (35.35-30)	N/A	N/A
16. Fires or Open Flames (35.35-30)	N/A	N/A
17. Lighting (sunset to sunrise) (156.120 (T))	✓	✓
18. Safe Smoking Spaces (35.35-30)	✓	✓
19. Spill and Emergency Shutdown procedures (156.120 (q))	✓	✓
20. Sufficient Personnel (156.120 (o) (a))	✓	✓
21. Transfer Conferences (156.120 (q))	✓	✓
22. Agreement to begin transfer (156.120 (r))	✓	✓

I do certify that I have personally inspected this facility or vessel with reference to the requirements printed on reverse and that opposite each of them. I have indicated that the regulations have been complied with.

Person in Charge of Receiving Unit

Charles Davis

Title

FOREMAN

Time and Date

7-30-96 8:00 AM

Person in Charge of Delivering Unit

Charles Davis

Title

FOREMAN

Time and Date

7-30-96

HER 01046

DAILY TIME LOG

DATE:	7-30-86	CUSTOMER:	BASE
JOB NO:		BARGE:	Ett-112

START TIME 8:00 AM

STOP TIME 9:00 PM

NAME	HOURS	TOTAL HOURS	NAME	HOURS	TOTAL HOURS
Plancher	11 1/2				
Cass	8 1/2				
Quinton	8 1/2				
Cass	8 1/2				
RIVERA	12 1/2				
MARK	8 1/2				
DOMINGO	2 1/2				
Daniel Quintero	2 1/2				

MATERIAL LIST:

(1) Four pair of Respirator Filters; (2) Two white Paper Coversalls;
(2) Two Flashlight Batteries.

JOB DESCRIPTION:

Hot water used ad cold water used.
Blow down 12" Port Bow Stake completely (Ballast #4 wt)
To lift Bow out of water to lift fracture out of water to weld. Weld (1)
one fracture on #1 wt located on Ballhead between Bow & wt; 3 ft. from floor.
Weld (1) one fracture on wt #4 Port side.

HER 01047

JOB WORKSCOPE/BREAKDOWN

JOB NO: 1001 CUSTOMER: ... BARCEL ...

FOREMAN:	S/T	<u>8</u>	@	38.00	\$ <u>304.00</u>
	Off	<u>3 1/2</u>	@	53.25	<u>186.38</u>
LEADMAN:	S/T		@	35.00	
	Off		@	49.50	
JOURNEY:	S/T	<u>40</u>	@	32.50	<u>1,300.00</u>
	Off	<u>11 1/2</u>	@	45.75	<u>526.13</u>

DISPOSAL:	Stop Oil		@	.60	
	Water	<u>3500</u>	@	.35	<u>1,225.00</u>
WATER:	<u>23,000</u>	5.00	per	1,000 gals.	<u>115.00</u>

MATERIAL:		Plus 25%	<u>50.69</u>
STOCK:		Plus 25%	<u>312.50</u>

EQUIPMENT:					
Compressor	<u>8</u>	@	48.00	<u>384.00</u>	
Air Movers	<u>32</u>	@	5.00	<u>160.00</u>	
Forklift		@	30.00		
Tugboat		@	100.00		
Steam rig	<u>4</u>	@	100.00	<u>400.00</u>	
Vacuum	<u>4</u>	@	30.00	<u>120.00</u>	
Hand Hose	<u>4</u>	@	12.00	<u>48.00</u>	
Weld Machine		@	15.00		
Cherrypicker		@	70.00		
Crane		@	130.00		
3" gas pump	<u>6</u>	@	18.00	<u>108.00</u>	
2" strip pump	<u>4</u>	@	15.00	<u>60.00</u>	
Butterworth	<u>6</u>	@	10.00	<u>60.00</u>	
4" Elect. Pump		@	15.00		
Cutting rig		@	8.00		
Haul Out		@	1100.00		

ARRIVED: ... COMPLETED: ... DEPARTED: ...
 PRODUCT: ... LOAD: ...

TOTAL INVOICE: \$ 5,359.70

HER 01048

Stock Use Breakdown

Job No: _____ Customer: _____ Barge: _____

<u>3</u> Coveralls	@	2.85	<u>8.55</u>
<u>2</u> Batteries	@	2.25	<u>4.50</u>
<u>4</u> Respirator Filters	@	6.00	<u>24.00</u>
<u>2</u> Gloves	@	1.75	<u>3.50</u>
Flashlights	@	12.00	
Gaskets	@	6.00	
Goggles	@	2.95	
Boots	@	9.00	
Raincoats	@	36.65	

Total	<u>40.55</u>
Plus 25%	<u>10.14</u>
Charge Customer	<u>50.69</u>

HERCULES

MARINE SERVICES CORPORATION

P. O. Drawer O • Freeport, Texas 77541

INVOICE NO. : 3511

DATE : August 7, 1996

Job No. : 5144

Location : Freeport, TX

TO:

BASF
607 Copper Rd.
Freeport, TX 77541

PLEASE REMIT PAYMENTS TO:
11011 RICHMOND
SUITE 500
HOUSTON, TX. 77042

Terms : Net 30

FOR:

Service to the ETT112 as follows:

Set up equipment
Strip out all fire product
Cold water rinse, hot water wash
Blow cargo pipeline and stripping system
Vacuum blow dry cargo tanks
Sweep powder rust from cargo tank floor
Pressure test cargo pipeline 40 PSI
Deballast bow rake and wing tank
Weld fracture on #1 wing tank and #4 on port side
Ballast Barge
Close Barge
Remove equipment

LABOR:	Foreman	8 (S/T)	@	38.00	304.00
		3.5 (O/T)	@	53.25	186.38
	Journeyman	40 (S/T)	@	32.50	1,300.00
		11.5 (O/T)	@	45.75	526.13
DISPOSAL:	Water	3,500 gal.	@	.35	1,225.00
WATER:		23,000gal.	@	5.00/1000 gal.	115.00
MATERIAL:		40.55		Plus 25% = 10.14	50.69
CHEMIST:		250.00		Plus 25%	312.50
EQUIPMENT:	Compressor	8	@	48.00	384.00
	Air Movers	32	@	5.00	160.00
	Steam Rig	4	@	100.00	400.00
	Vacuum	4	@	30.00	120.00
	Hand Hose	4	@	12.00	48.00
	3" gas pump	6	@	18.00	108.00
	2" strip pump	4	@	15.00	60.00
	Butterworth	6	@	10.00	60.00

TOTAL AMOUNT DUE

\$5,359.70

PHONE: (409) 233-6371

Strength through Experience, Equipment, Know-How

HER 01050



Strength through environmental awareness and customer service

P.O. Drawer O
Freeport, Texas 77541

Office (409) 233-6371
Fax. (409) 233-6375

Date: 7-30-86 Job No: 5144 Barge/M/V: ETT-112

EQUIPMENT	HOURS
Compressor	8
Air Movers	32
Vacuum	4
Steam Rig	4
Hand Hose	4
Butterworth	6
2" Strip Pump	4
3" Diesel Pump	6
4" Electric Pump	
Crane	
Cherry Picker	
Forklift	
Tug Boat	
Welding Machine	2
Cutting Rig	2
Work Barge	
Haul Out	
Truck	
Hand Tools	

STOCK	NUMBER
Coveralls	3
Batteries	2
Respirator Filters	4
Gloves	2
Flashlights	
Gaskets	
Goggles	
Boots	
Raincoats	
White Rags	

HER 01051

071229 00
071451 00

E+T=112
7-30-86

Blanket
F91392

CITY. WATER